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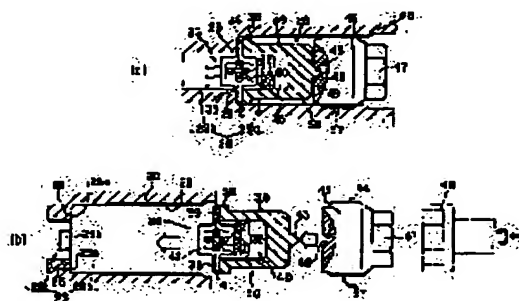
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(54) ATTACHING STRUCTURE FOR LOAD SENSOR

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an attaching structure for a load sensor where the load sensor can be easily attached and detached without the occurrence of residual strain.

SOLUTION: A load sensor is attached in such a process as, to hold the attaching piece 35 of the load sensor 26 at the tip of a bottomed cylindrical holder 36; to directly support only the attaching piece and to loosely fit a main body 30 in the inner space 46 of the holder; from the above state, to insert the main body 30 through the inlet of a sensor attaching hole 28 toward a stepped part 25; then to threadedly insert a bolt 37 which abuts against the rear end of the holder on spherical parts 43, 48 existing in an axial center part; to transmit pressing force given from the bolt only to the axial center part of the holder through the above spherical parts; and to sandwichedly fix only the attaching piece of the load sensor to the side of the stepped part as a twisting torque from the bolt is prevented from being transmitted to the holder. Thus the load sensor can be attached by a simple work of a bolt operation without the direct action of a load onto the main body part.



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